

**power your  
research.**



Job position in  
Power Electronics



Become part of Silicon Austria Labs (SAL) – the top research center for electronic based systems (EBS). Unfold the future, unfold yourself.

In the network of science and industry, the center offers research in four pioneering divisions: Sensor Systems, RF Systems, Power Electronics and System Integration.

**SAL – a great place to research.**

# Senior Scientist / Research Engineer

## POWER ELECTRONICS

Campus TU Graz, Inffeldgasse 25F, 8010 Graz, Austria / High Tech Campus Villach, Europastraße 12, 9524 Villach, Austria

### YOUR FUTURE RESPONSIBILITIES

- Identifying new developments on components, integration and system level and turning them into well-defined research projects
- Research on new, innovative solutions in the field of complex power electronics systems
- Execution of related projects with industrial and scientific partners
- Working on methodologies to optimize power electronic systems for different parameters
- Leading a project team on technical and project management level

### YOUR PROFILE

- Finalized study of Electrical/Electronic Engineering, PhD
- Several years experience in developing concepts and architectures of power electronic circuit designs, modelling, simulation, build and validation of those systems
- Deep knowledge of power converter architectures and concepts
- Good understanding of complex power electronics systems, including model based design and simulation
- Strives for innovative solution in the different aspects of power electronic systems
- Good networking in the related scientific and industrial environment

### IMPORTANT FACTS

- Beginning of the employment: as soon as possible
- This position is endowed with a gross annual salary of € 51,296 based on the collective agreement for research („Forschungs-Kollektivvertrag“) and depending on your experience and skills.

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Apply now: [career@silicon-austria.com](mailto:career@silicon-austria.com)